"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINEV, V. V., Cand Med Sci -- (diss) "Amputation of the tibia in the lower third and prosthesis." Leningrad, 1960. 16 pp; (from the Leningrad Scientific Research Inst of Prosthesis, Leningrad Order of Lenin Inst for Advanced Training of Physicians im S. M. Kirov); 300 copies; price not given; (KL, 25-60, 140)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINEV, V.V., kand. med. nauk

Calcaneal spurs of an unusual etiology in a child. Med. zhur. Uzb. no.6:76-77 Je'63 (MIRA 17:3)

1. Iz kafedry ortopedii i travmatologii (zav. - doktor med. nauk N.M. Shamatov) Tashkentskogo instituta uesovershenstvovaniya vrachey.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

AUTHOR: Sinev, Y. A. SOV/140-58-4-25/30

TITLE: On Some Properties of Orthogonal Polynomials (O nekotorykh svoystvakh ortogonal'nykh mnogochlenov)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1958, Nr 4, pp 222-235 (USSR)

ABSTRACT: The author considers polynomials orthogonal on a curve or in a domain of the complex plane. He gives necessary and sufficient conditions that such polynomials have a common zero; furthermore that they have a uniformly bounded number of terms. An asymptotic formula for polynomials orthogonal in a domain, is given. Finally, polynomials are considered which are orthogonal at the same time in the domain and on the boundary.
There are 4 references, 2 of which are Soviet, and 2 American.

SUBMITTED: March 21, 1958

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APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINEV, Ye.A.

Simultaneous orthogonality of polynomials and their derivatives.
Izv. vys. ucheb. zav.; mat. no.2:147-154 '61. (MIRA 14:3)

1. Saratovskiy avtomobil'no-dorozhnyy institut.
(Functions, Orthogonal)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINEV, Ye.A. (Saratov)

Simultaneous orthogonality of functions in a domain and on its contours. Izv. vys. ucheb. zav.; mat. no.2:152-160 '65. (MIRA 18:5)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

L 54602-65

ACCESSION NR: AP5012669 UR/0105/64/000/012/0082/0082

AUTHOR: Sineva, A. N. (Engineer)(Moscow)

TITLE: Tuned electric power transmission (in reference to an article by V. K. Shcherbakov, "Elektrichestvo," no. 8, 1961)

SOURCE: Elektrichestvo, no. 12, 1964, 82

TOPIC TAGS: electric power engineering, transmission line

ABSTRACT: As compared with d-c transmission, tuned electric power transmission has several advantages: 1) no need for rectifiers, 2) possibility of conversion to ordinary compensated a-c transmission, 3) simpler exploitation, 4) standardization of equipment (production 750 or 1000 kv equipment can be used, 5) greater safety afforded maintenance personnel. Technical difficulties attributed to tuned lines are unconvincing because so little work has been done or is underway on the problem. Preliminary studies show that protection against overvoltages can be provided.

If more research were devoted to tuned lines a simple economical solution to the problem would undoubtedly be found. Even though enormous research efforts are devoted to theoretical and economical aspects of long-distance d-c transmission, little progress is evident and virtually no equipment has been developed.

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ACCESSION NR: AP5012669

The generally-held opinion that d-c lines are less susceptible to storm damage is not true in practice, and tuned lines should not be discounted on this score. However, tuning should not be set precisely at half, as proposed by Shohorbakov, but to an angle of 190-220°, and with capacitance tuned asymmetrically. It is suggested that with tuning lower rated equipment can be used to transmit the next higher level of power.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: EE

NO REF SOV: 000 OTHER: 00 JPRS8

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINEVA, A.N., inzh. (Moskva)

Tuned electric power transmission lines. Elektrichestvo no.12:82 D '64. (MIRA 18:12)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINEVA, L.

Valuation of collective farm buildings. Vop.ekon. no.1:150-152 Ja '59. (MIRA 12:1)
(Collective farms)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINEVA, M. V.

"Biological Observations on the Multiplication of the Medicinal Leach," Zool. Zhur., 28, No. 3, 1949. Mbr., Bdellological Lab., Moscow Med. Inst., Min. Health RSFSR, -c1949-.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SERGEYEV, S.S., doktor ekonom.nauk; SINEVA, N.I., kand.ekonom.nauk;
PYLAYEVA, A.P., red.; DEYEVA, V.M., tekhn.red.

[Production costs on collective farms] Izderzhki proizvodstva v kolkhozakh. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1958. 167 p.
(MIRA 12:7)

(Collective farms) (Agriculture--Costs)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINEVA, N. V.
Min Higher Education USSR. Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov. Chair of Electrical Machines.

SINEVA, N. V. - "Theoretical and experimental investigation of an asynchronous motor with a missive slow rotor." Min Higher Education USSR. Moscow Order of Lenin Power Engineering Inst imeni V.M. Molotov. Chair of Electrical Machines. Moscow, 1956. (Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Knizhnaya Letopis' No. 13, 1956.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

8 (5)

AUTHOR: Sineva, Nina Vasil'yevna, Candidate of Technical Sciences, Acting Docent SOV/161-59-4-11/28

TITLE: Method for Calculation of an Induction Motor With Copper Coating on the Rotor (Metodika rascheta asinkhronnogo dvigatelya s mednym pokrytiyem na rotore)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Elektromekhanika i avtomatika, 1958, Nr 4, pp 75-82 (USSR)

ABSTRACT: A convenient method is shown here for calculating the parameters and operating characteristics of an induction motor with copper coating on the rotor. A rectangular coordinate system is used for determining the parameter. Since an accurate solution is impossible, some assumptions are made and corrections then carried out on the basis of experimental data. The magnetic permeability is assumed to be constant. The influence of the hysteresis (for the steel-medium) is not considered. It is assumed that the power lines in the rotor body take a cylindrical course. Only the fundamental wave of the induction is examined. Equation (19) for the reduced equivalent effective resistance of the rotor, and equation (20) for the reduced equivalent inductive resistance of the rotor

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

are derived. The change in the magnetic permeability on the rotor surface with the change of the working method of the motor is considered with the help of three equations, as in the paper (Ref 1): The first equation gives the interrelation of the maximum induction B_m in the ferromagnetic medium with the induction B_δ in the air gap, the slip S, and the magnetic permeability μ_2; the second equation is that of the magnetizing curve of the rotor material, and the third brings the interrelation of the induction in the air gap with the parameters of the equivalent circuit diagram, and the operation method of the motor. The three equations are solved and the magnetic permeability is determined for the given slip. The equivalent circuit diagram is used for calculating the motor characteristics. This is obtained on the basis of equations (19) and (20). The resistances of the equivalent circuit diagram, the stator current, the electromagnetic output, the electromagnetic motor moment, and the output factors $\cos\varphi$ are determined. Experiments were made for the

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purpose of checking the theory presented here. The parameters of the rotor are calculated for 10 points within the slip range of from 1-0.1, in accordance with the equations (19) and (20). The results of the experiments and those of the calculations differ from between +5.5% to -8%. The calculated characteristics are well in agreement with the experimental characteristics, for motors with a solid rotor as well as for those with a copper covered solid rotor. The comparison of these characteristics for the same type of machine showed that with closed slots on the stator, copper covering is especially effective. The publication of this article was recommended by the Kafedra elektricheskikh mashin Moskovskogo energeticheskogo instituta (Chair of Electrical Machines at the Moscow Institute of Power Engineering). There are 1 figure and 13 references, 12 of which are Soviet.

ASSOCIATION: Kafedra elektricheskikh mashin Moskovskogo aviatsionnogo instituta (Chair of Electrical Machines at the Moscow Aviation Institute)

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8(3,5) PHASE I BOOK EXPLOITATION SOV/3185

Moscow. Aviatsionnyy institut

Nekotoryye voprosy teorii raboty aviatsionnykh elektricheskikh mashin; sbornik statey (Some Problems in the Theory of Operation of Aircraft Electric Machines; Collection of Articles) Moscow, Oborongiz, 1959. 125 p. (Series: Its: Trudy, vyp. 110) 3,150 copies printed.

Ed.: A. I. Bertinov, Professor; Ed. of Publishing House: K. I. Grigorash; Tech. Ed.: V. P. Rozhin; Managing Ed.: A. S. Zaymovskaya, Engineer.

PURPOSE: This book is intended for engineering and technical workers and students taking advanced courses in electrical machine construction.

COVERAGE: The book contains several articles on the theory and design of special electrical machines, such as: three-winding, bilateral feed transformers (phase discriminator), induction motors with copper-plated ferromagnetic rotor, shielded induction

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motors with copper-plated ferromagnetic rotor and general purpose electrical machines for aircraft. In addition, systems for the stabilization of the frequency of aircraft inverted synchronous converters and their protection are studied. A purportedly new way of speed regulation of induction motors is also examined. References are given after each article.

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2. Differential coupling of two three-winding bilateral feed transformers 9
3. Dynamic operating regime for a bilateral-feed transformer 12

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Sineva, N. V., Candidate of Technical Sciences. Calculation of Magnetic Fields of an Induction Motor with Copper-plated Ferromagnetic Rotor 20

Bertinov, A. I., and N. V. Sineva, Candidates of Technical Sciences. Electrical Machines for Work in a Vacuum and in an Agressive Medium 27
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Fundamentals of the theory of a shielded induction motor 32
Determining the constants of integration 36
Solutions taking into account the constants of integration 37
Determination of losses in the shield 38

Voronetskiy, B. B., Candidate of Technical Sciences. On the Frequencies of Natural Vibrations of Certain Units of Electrical Machines for Aircraft 41
This article is divided into the following sections:
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Moin, V. S., Engineer. Protection and Control Circuits of Aircraft Inverted Synchronous Converters 111
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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

BERTINOV, A.I., prof.; SINEVA, N.V., kand.tekhn.nauk

Calculating operating characteristics of shielded electric motors. Trudy MAI no.133:55-63 '61. (MIRA 14:5)
(Electric motors)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINEVA, N.V., kand.tekhn.nauk

Effect of the material of rotors on the characteristics of electric motor with massive motor. Trudy MAI no.133:105-112 '61. (MIRA 14:5)

(Electric motors)

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L 14231-66 EWT(d)/EWT(l)/EWT(m)/EWP(w)/EPF(n)-2/ EWP(v)/T-2/EWP(t)/EWP(k)/EWP(b)/EWA(h)
ACC NR: AP5024909 ETC(m)-6 JD/WW/JG/EM UR/0382/65/000/003/0103/0110

AUTHOR: Bertinov, A.I.; Sineva, N.V.

ORG: None

TITLE: Some design problems of three-phase current electromagnetic pumps

SOURCE: Magnitnaya gidrodinamika, no.3, 1965, 103-110

TOPIC TAGS: induction pump, magnetohydrodynamic pump, spiral induction pump design

ABSTRACT: Spiral induction pumps are similar to polyphase induction motors with a hollow, nonmagnetic rotor. The liquid metal moves along the direction of the traveling magnetic field velocity. The spiral transforms the rotary motion into a combined rotation and translation. The authors present a design theory based upon an analysis of the electromagnetic field components of three-phase induction pumps. Design parameters of the secondary circuit, comprising the liquid metal and the hermetic seal enclosure are found by an analysis of their penetration by the electromagnetic waves. The discussion proceeds from the Maxwell equations, where, in vector form, with the usual notations:

$$\operatorname{rot}\bar{H}=\bar{\delta}\,; \qquad \operatorname{rot}\bar{E}=-\frac{\partial\bar{B}}{\partial t} \qquad (1)$$

and $\bar{\delta}$ - (current density) and $\bar{H}$, - (magnetic field intensity) are functions of the coordinates, Fig. 1, and (sinusoidal) functions of time. As the result of the analysis,

Card 1/2 UDC 538.4:621.689

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ACC NR: AP5024909

- formulas for the design of spiral (helical) induction pumps are suggested. Fig. 2 shows one of the several results of the analysis, - the dependence of pump pressure, P, upon the slip, s.

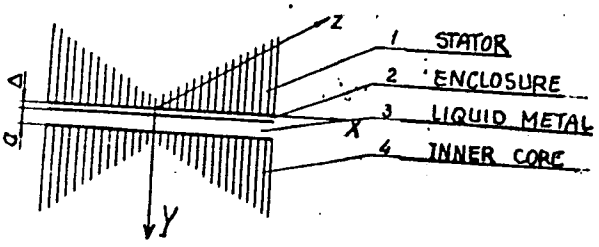

Fig. 1. Developed schematic of the spiral induction pump

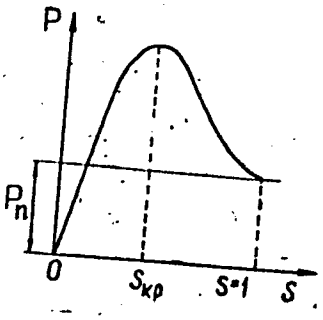

Fig. 2. Dependence of pump pressure, P, upon slip, s; P= f(s).

Orig. art has 3 figures, 42 formulas.

SUB CODE: 13, 09 SUBM DATE: 24Jan65/

ORIG REF: 001

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

MAKHTINOER, A.I., doktor meditsinskikh nauk; LEVINTOVA, S.Ya., kandidat meditsinskikh nauk; SINEVA, T.N.; MEL'NIKOVA, N.A.

Unconditioned secretion of the salivary glands in cases infectious hepatitis (Botkin's disease). Vop.okh.mat. i det. 1 no.4:44-48 Jl-Ag '56. (MLRA 9:9)

1. Iz otdela vysshey nervnoy deyatel'nosti (zav. - deystvitel'nyy chlen AMN SSSR prof. N.I.Krasnogorskiy) i kliniki starshego vozrasta (konsul'tant - prof. A.B.Volovik) Gosudarstvennogo nauchno-issledovatel'skogo pediatricheskogo instituta (dir. - prof. A.L. Libov) Leningrad.

(HEPATITIS, INFECTIOUS) (SALIVARY GLANDS)

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L 13503-63 EWP(q)/EWT(m)/BDS AFFTC/ASD JD/JG
ACCESSION NR: AP3003480 S/0078/63/008/007/1702/1705

57

AUTHOR: Stepanov, S. I.; Sineva, V. M.

TITLE: Effect of melted magnesium chloride on iron-chromium-nickel alloys 18

SOURCE: Zhurnal neorganicheskoy khimii, v. 8, no. 7, 1963, 1702-1705

TOPIC TAGS: magnesium, iron nickel, chromium, alloy, Ti, Mo, Nb

ABSTRACT: Authors analyzed the effect of holding in melted anhydrous MgCl sub 2 at 800° on the microstructure of some Fe-Cr-Ni alloys with Ti, Mo, and Nb admixtures. Methodology of preparing the salts and test samples of alloys, did not differ from the method described previously (Stepanov and Kachina-Pullo, Zh. prikl. khimii, 35, 1962, 1852). Microsections of the test samples were studied under a microscope and were photographed. Authors show that melted MgCl sub 2 causes a selective diffusion of chromium from iron-chrome-nickel alloys. An assumption concerning the mechanism of void formation in the alloys through the effect of melted MgCl sub 2 is expressed. Orig. art. has: 2 tables and 6 figures.

ASSOCIATION: Bereznikovskiy filial Vsesoyuznogo alyuminiyevo-magniyevogo instituta (Bereznikov Branch of the All-Union Aluminum-Magnesium Institute)

Card 1/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINEVICH, Ye.Ye.

Intravenous anesthesia in suppurative diseases of the hand. Vest. khir. 84 no. 2:115-117 F '60. (MIRA 14:1)
(HAND--DISEASES) (INTRAVENOUS ANESTHESIA)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINEVICH, Ye.Ye.; SHANIN, Yu.N.

Bronchoscopy under anesthesia in the case of apnea. Vest. khir. 85 no. 7:33-39 Je '60. (MIRA 14:1)

(BRONCHOSCOPY)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINEVICH, Ye.Ye. (Leningrad, Novogrodskaya ul., d. 18/20, kv.39)

Bronchoscopy under anesthesia with automatically controlled respiration. Vest. khir. 91 no.7:60-66 Jl'63 (MIRA 16:12)

1. Iz Leningradskogo okruzhnogo gospitalya.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

KIRILOV, L.Ya., kand. med. nauk; SINEVICH, Ye.Ye. (Leningrad)

Case of dextrolateral traumatic diaphragmatic hernia with isolated liver prolapse. Vest. rent. i rad. 39 no.1:62-63 Ja-F '64. (MIRA 18:2)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINEVICH, Ye.Ye.; KIRILOV, L.Ya., kand.med.nauk

Clinical significance of the so-called relaxation of the diaphragm. Klin. khir. no.1:72-75 '65. (MIRA 18:8)

1. Leningradskiy okruzhnoy voyennyy gospital'.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SOV/20-122-4-42/57

21(3)
AUTHORS: Lebedeva, G. D., Sinevid, S. G.

TITLE: The Effect of Radioactive Strontium Upon the Survival Rate and Upon the Propagation of Daphnia Magna (Deystviye radioaktivnogo strontsiya na vyzhivayemost' i razmnozheniye Daphnia magna)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 122, Nr 4, pp 586-588 (USSR)

ABSTRACT: According to previous results of the authors (Ref 3), there is a group of plankton organisms which very intensely accumulates radioactive isotopes. The authors, therefore, investigated the chronic effect of radioactive substances(various concentrations of $Sr^{90} \rightarrow Y^{90}$) upon the survival rate and upon the propagation of Daphnia magna for a series of generations. For these experiments, Daphnia magna was especially grown in laboratory conditions at a temperature of 18 - 20°. 40 females of Daphnia were placed into half-liter glasses containing Sr^{90} of a concentration of $3,4.10^{-10}$ to $3,4.10^{-3}$ Cu/l. The carrying out of the experiments is discussed. These concentra-

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

The Effect of Radioactive Strontium Upon the Survival Rate and Upon the Propagation of Daphnia Magna

tions of Sr^{90} did not cause any visible sharp morphological changes, neither in the initial specimens, nor in the following generations. The above-discussed experiments gave the following results: 1) A concentration of $3,4.10^{-10}$ Cu/l of Sr^{90} has no influence upon the life of Daphnia magna, but it slightly increases the quantity of the progeny. 2) Sr^{90} concentrations of from $3,4.10^{-7}$ to $3,4.10^{-3}$ Cu/l increase the number of the progeny within the first 2 weeks, and then a suppressing effect follows. 3) In the experiments with a concentration of $3,4.10^{-3}$ Cu/l a progeny came only from the initial organisms. This progeny died after 1 week. 4) The life of the Daphnia organisms is reduced to 10 - 16 days by Sr^{90} concentrations of $3,4.10^{-5}$ and $3,4.10^{-4}$ Cu/l. Under the influence of a Sr^{90} concentration of $3,4.10^{-3}$ Cu/l, even the initial Daphniae died 2 weeks after the beginning of the experiment, and its progeny - after 1 week. 5) Sr^{90} concentrations from $3,4.10^{-10}$ to $3,4.10^{-5}$ Cu/l

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SOV/20-122-4-12/57

The Effect of Radioactive Strontium Upon the Survival Rate and Upon the Propagation of Daphnia Magna

do not cause visible morphological changes of Daphnia magna. There are 2 figures and 5 references, 5 of which are Soviet.

PRESENTED: February 19, 1958, by Ye. N. Pavlovskiy, Academician

SUBMITTED: June 20, 1957

Card 3/3

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

USSR/Medicine - Neurophysiology, electroshock FD-2378

Card 1/1 Pub. 154-9/18

Author : Apter, I. M.; Bolotova, Z. N.; and Sineyko, I. G.

Title : Concerning the effect of combined application of electroshock and protracted sleep on higher nervous activity.

Periodical : Zhur. vys. nerv. deyat., 70-75, Jan/Feb 1955

Abstract : Application of electroshock in combination with protracted intermittent sleep is suggested as an effective method for the treatment of psychoti patients. Sleep alleviates, to some extent, harmful effects of spasmod attacks on the higher nervous activity. Results of experiments on two dogs with different type of nervous system demonstrated that artificial sleep produces satisfactory results after 5-6 electroshock applications. Extreme care must be used in clinical practice not only when electrosho is applied alone, but also when it is used in combination with protrac intermittent sleep.

Institution: Department of Neurosis and Borderline Conditions, Ukrainian Institu of Psychoneurosis.

Submitted : March 17, 1954

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINEYOKOV, G. N.

"Resistances of Soil Which Arises During Its Processing." Dr Agr Sci, Soil Inst imeni V. V. Dokuchayev, Acad Sci USSR, Moscow, 1954. (KL, No 7, Feb 55)

SO: Sum. No 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGAL, B. P.

SINGAL, B. P.- "Method of Employing Belles Lettres in Lessons on the Constitution of the USSR." Acad Pedagogical Sci RSFSR, Sci Res Inst of Methods of Teaching, Moscow, 1955 (Dissertations for the Degree of Candidate of Pedagogical Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SOLOV'YEVA, N.K.; TAYG, M.M.; SINGAL, E.M.; RULAYA, S.M.

Some data on the micromorphology of Actinomyces. Antibiotiki 9 no.2:115-121 F '64. (MIRA 17:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov, Moskva.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

1. MOSKVIN, I. I.; [illegible]; Engr.

2. USSR (600)

4. Lumbering

7. Raft-building device for use in sorting and logging operations. Mekh. trud. rab. 7 no. 3 1953

9. **Monthly List of Russian Accessions**, Library of Congress, June 1953. Unclassified.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGALEVICH, M.S.; KUZNETSOV, D.V.

Manufacturing the RSS-2 bundle-breaking machine. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. 18 no.11:43-45 N '65. (MIRA 18:12)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGALEVICH, N.I.

On the history of the development of the drug trade in Lvov. Apt.delo 8 no.5:81-87 S-O '59. (MIRA 13:1)

1. Iz kafedry organizatsii zdravookhraneniya (zav. - dotsent S.Z. Tkachenko) L'vovskogo meditsinskogo instituta.
(LVOV--DRUGSTORES)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGALEVICH, N.I. [Sinhalevych, N.I.]

History of pharmacy in the city of Lv v and in Lv ov Province. Farmatsev.zhur. 19 no.1:65-70 '64. (MIRA 18:5)

1. Kafedra organizatsii zdravookhraneniya, istorii meditsiny i organizatsii farmatsevticheskikh predpriyatiy L'vovskogo meditsinskogo instituta.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGATULIN, R.G.

Effects of focal cortical lesions in the area of the muscular-cutaneous analysor on parotid salivary gland secretion in dogs. Fiziol.zhur. 45 no.6:643-651 Je '59. (MIRA 12:8)

1. From the department of physiology, Medical Institute, Yaroslavl.

(SALIVATION, physiol.
eff. of focal cortical lesions in area of muscular-cutaneous analysor on parotid salvation in dogs (Rus))
(CEREBRAL CORTEX, physiol.
same)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

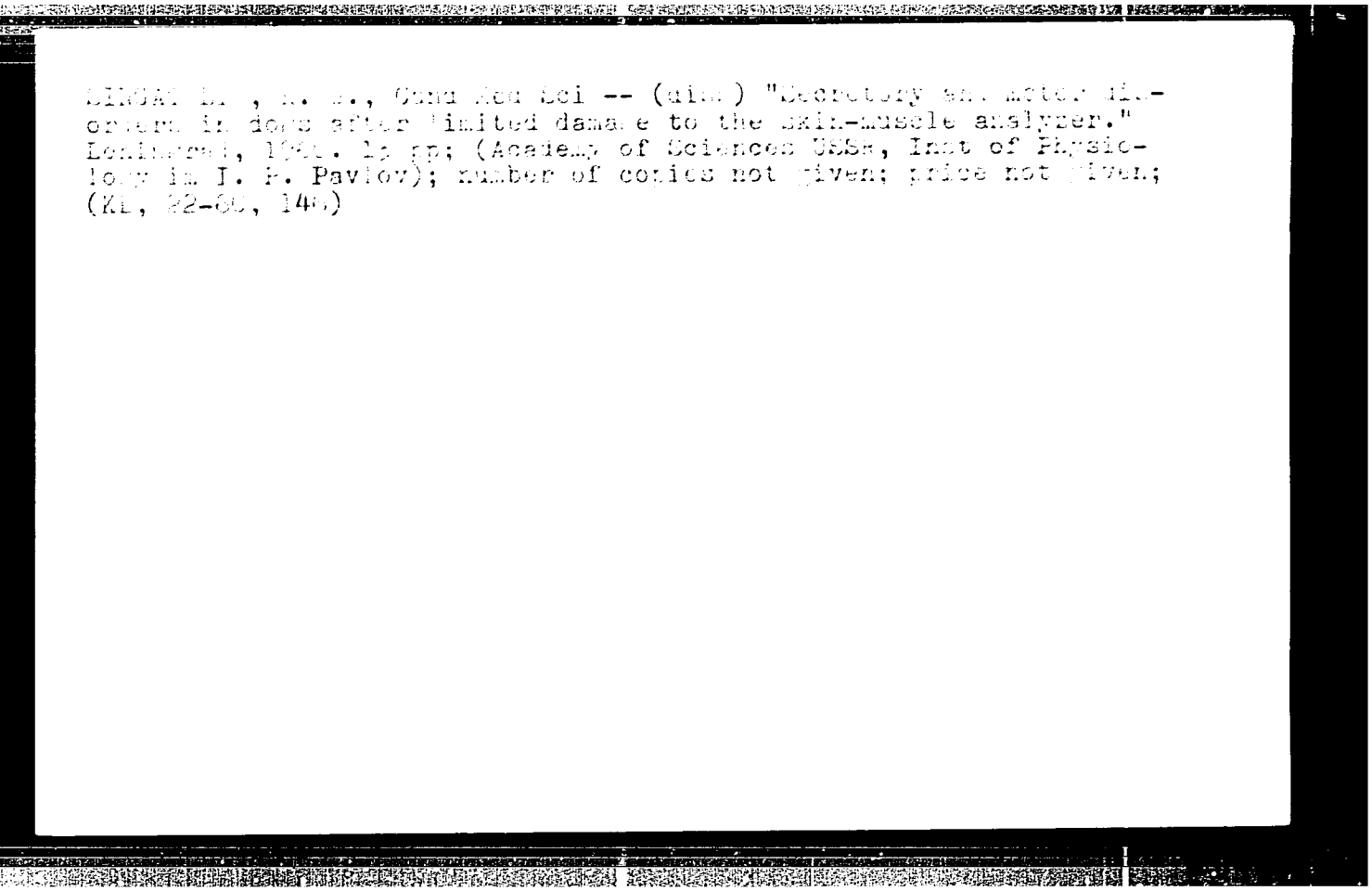
SINGATULLINA, R.G.

Influence of ultra-high frequency currents on protein fractions of the blood serum. Biul. eksp. biol. i med. 52 no.7:69-72 Jl '61. (MIRA 15:3)

1. Iz kafedry normal'noy fiziologii (zav. - prof. V.V. Petrovskiy) i kafedry bickhimii (zaveduyushchiy - dotsent I.Z. Il'yasov) Bashkirskogo meditsinskogo instituta, Ufa. Predstavlena deystvitel'nym chlenom AMN SSSR V.V. Parinym.
(BLOOD PROTEINS)
(ELECTRICITY--PHYSIOLOGICAL EFFECT)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2



SINGAY [illegible], [illegible], Cand Med Sci -- (diss) "Secretory and motor disorders in dogs after limited damage to the skin-muscle analyzer." Leningrad, 1960. 15 pp; (Academy of Sciences USSR, Inst of Physiology im I. P. Pavlov); number of copies not given; price not given; (KL, 22-60, 146)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

KUZNETSOV, Ye.I.; SINGATULIN, R.G.

Role of the posterior roots in the regulation of the secretory function of the stomach. Fiziol. zhur. 46 no.12:1476-1482 D '60. (MIRA 14:1)

1. Kafedra fiziologii Meditsinskogo instituta, Yaroslavl'.
(SPINAL CORD) (STOMACH—SECRETIONS)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

R/Diseases of Plants. Diseases of Cultivated Plants 0-3

bs Jour : Ref Zhur-Biol., No 1, 1958, 1938

Author : Singayevskaya B. N.
Inst : Not given
Title : How to Raise the Resistance of Sugar Beet Root Borer

Orig Pub : Sakharnaya svetla, 1957, No 5, 38-40

Abstract : On the basis of experiments carried out at the All-Union Agricultural Institute of Sugar Beet it was established that the quality of young growths of sugar beet and their resistance to the root borer to a considerable degree depends on the period of storage and the maturity of the seeds. It is necessary to gather the plantings when fully mature. This will contribute to better growths and will lower affection by the root borer.

Card 1/1

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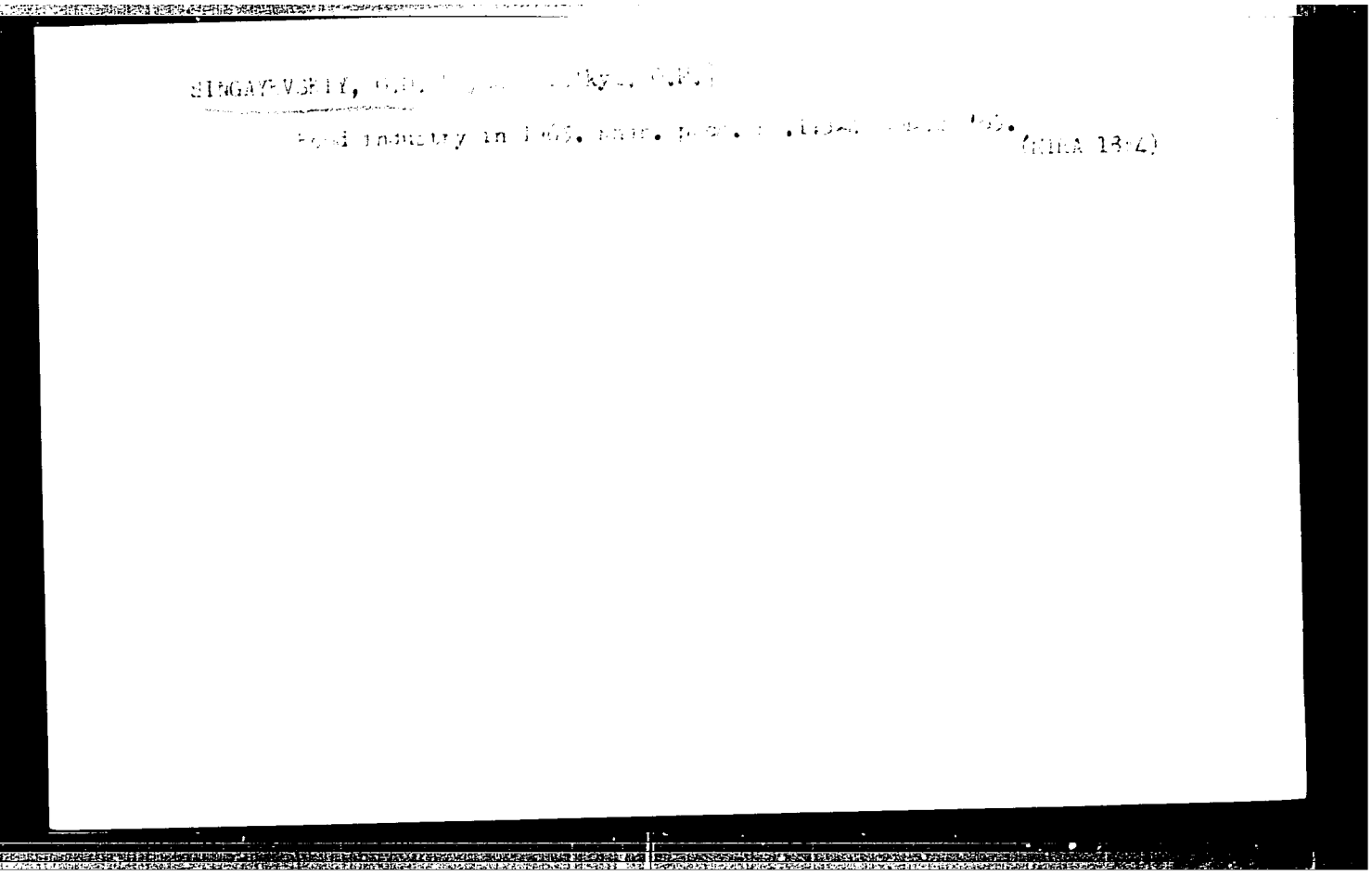

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGAYEVSKIY, O.M. [Synhaievs'kyi, O.M.]; BERENSHTEYN, O.P.

New synthetic adhesive materials. Khar.prom. no.1:76-77 Ja-Mr '62. (MIRA 15:8)

1. Ukrainskiy sovet narodnogo khozyaystva (for Singayevskiy).
2. Kiyevskiy likero-vodochnyy zavod (for Berenshteyn).
(Adhesives) (Resins, Synthetic)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGAYEVSKIY, O.N.

USSR/Miscellaneous Food industry

Card : 1/1

Authors : Lysogor, P. M., and Singayevskiy, O. N.

Title : Innovations in Food Industry

Periodical : Nauka i Zhizn'. 5, 4 - 6, May 1954

Abstract : Descriptions and illustrations of technical innovations introduced by Soviet Food Industry.

Institution : ....

Submitted : ....

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

TANCHENKO, I.M.; SINGAYEVSKIY, O.N.; LIVSHITS, Yu.A. (Kiyev)

Production of fodder antibiotics in the alcohol industry. Antibiotiki 5 no.6:107-111 N-D '60. (MIRA 14:3)
(ANTIBIOTICS)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

BARNA, V.; TOLAN, I.; BUCHWALD, S.; SINGELEVICI, P.

Drying of human milk by lyophilization and use of this preparation in dietary treatment of infants. Cesk. pediat. 16 no.9:839-840 S '61.

(MILK HUMAN)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

RUMYANTSEV, S.; SINGFLEYEVA, O., kontroler-revizor; CHEBRUCHAN, P.

Simplify accounting and reports in savings banks. Fin. SSSR 21 no.8: 77-79 Ag '60. (MIRA 13:8)

1. Glavnyy bukhgalter Upravleniya gostrudsberkass i goskredita Checheno-Ingushskoy ASSR (for Rumyantsev). 2. Zaveduyushchiy tsentral'noy sberkassoy Vulkaneshtskogo rayona Moldavskoy SSR (for Chebruchan).
(Savings banks--Accounting)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGEORZAN, Ion Corvin

On the determination of the radiants of the meteoritic currents.
Studii astron seismol 4 no.2:407-413 '59. (EEAI 9:9)
(Meteorites)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

POPOVICI, Calin, prof.; CORVIN SINGEORZAN, Ion

Optical observations of the artificial satellites at the Astronomical Observatory of Bucharest, Station 131, July 15, 1959-June 1, 1960. Studii astron seismol 5 no.2:325-328 '61.

(EEAI 10:9)

1. Observatorul astronomic din Bucuresti, Statia 131. 2.Comitetul de redactie, Studii si cercetari de astronomie si seismologie(for Popovici).

(Artificial satellite observations)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

POPOVICI, Calin, prof.; SINGEORZAN, Ion Corvin

Visual observations made at the Bucharest Observatory on the artificial satellites; Station 131 July 1, 1960-December 31, 1960. Studii astron seismol 6 no.1:75-80 '61.

1. Sef statiei, Observatorul Astronomic din Bucuresti, Statia 131 (for Popovici). 2.Ajutorul sefului statiei, Observatorul Astronomic din Bucuresti, Statia 131 (for Singeorzan).

(Astronomy) (Artificial satellites)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

S/269/63/000/002/033/037
A001/A101

AUTHOR: Síngeorzan, Ion Corvin

TITLE: The determination of the position of the Geminid radiant by means of a NAFA 3c/25-C camera

PERIODICAL: Referativnyy zhurnal, Astronomiya, no. 2, 1963, 67, abstract 2.51.540 ("Studii şi cercetări astron. şi seismol. Acad. RPR", 1962, v. 7, no. 1, 163 - 166, Rumanian; Russian and French summaries)

TEXT: The coordinates of the radiant of the Geminid stream were determined from photographs of two meteors of this stream taken on December 14, 1958 (average of the times of their flight is 1^h18^m UT). The coordinates are as follows: $\alpha = 113^\circ45' \pm 2'.0$; $\delta = +32^\circ49'.1 \pm 0'.3$ (1950.0).

[Abstracter's note: Complete translation]

Card 1/1

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

POPOVICI, Calin; SINGEORZAN, Ion Corvin; DINESCU, Alexandru

Visual observations of the artificial satellites of the earth made at the astronomical observatory in Bucharest, Station 131, in the period: January 1 - December 31, 1962. Studii astron seismol 8 no.1:121-129 '63.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGEORZAN, V., ing.

Study of the rupture strength of conveying belt joints and possibility of increasing it. Rev min 14 no.8:374-377 Ag '63.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGER, A. - Vol. 14, no. 5, May 1953. SLABOPROUDY OBZOR

In observation of the 30th anniversary of Czechoslovak broadcasting. p. 240a.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955 Uncl.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGER, A.

Tomicek, V.; In memory of Rudolf Bradna. p. 598.
Plan of topics of Slaboproudy obzor for 1955, p. (3) of cover.
SLABOPROUDY OBZOR, Prague, Vol. 15, No. 12, Dec. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, Uncl.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SUBJECT USSR/MATHEMATICS/Statistics CARD 1/2 PG - 675
AUTHOR SINGER A.A.
TITLE On the independence of polynomial and quasipolynomial statistics.
PERIODICAL Doklady Akad.Nauk 110, 319-322 (1956)
reviewed 4/1957

Let $\Xi = (X_1, X_2, \ldots, X_n)$ be a random vector with independent components which must not be distributed equally. Let $F_j(x)$ be the law of distribution of X_j. Let

$$P(\Xi) = \sum_{\alpha_1+\ldots+\alpha_n \leq k} A_{\alpha_1 \alpha_2 \ldots \alpha_n} X_1^{\alpha_1} X_2^{\alpha_2} \ldots X_n^{\alpha_n},$$

$$Q(\Xi) = \sum_{\beta_1+\ldots+\beta_n \leq l} B_{\beta_1 \beta_2 \ldots \beta_n} X_1^{\beta_1} X_2^{\beta_2} \ldots X_n^{\beta_n}$$

be two polynomial statistics, where the coefficients of X_i^k are different from zero in $P(\Xi)$ and those of X_i^l are different from zero in $Q(\Xi)$ $(i=1,\ldots,n)$. Theorem: If the statistics $P(\Xi)$ and $Q(\Xi)$ are stochastically independent, then the distribution of every component of Ξ possesses finite power moments of all orders. Theorem: If $P(\Xi)$ and $Q(\Xi)$ are stochastically independent and if $Q(\Xi)$ is a linear form, then for all h $(0<h<\infty)$ there exist finite

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Doklady Akad.Nauk 110, 319-322 (1956) CARD 2/2 PG - 675

$$E\left\{\exp h|X_j|\right\} < \infty \qquad j=1,2,\ldots n,$$

i.e. the characteristic distribution function $f_j(t)$ of the component X_j is an entire function of the complex variable t. There holds the estimation

$$E\left\{\exp h\,|X_j|\right\} = O(\exp Bh^A),$$

where $B>0$, $A>1$ are constants and $0<h<\infty$.
These theorems permit generalizations to the quasipolynomial statistics proposed by Linnik in 1955. The statistics $S(\Xi)$ is called quasipolynomial if there exists a continuous function $\psi(S)$ and two non-negative polynomials $R(\Xi)$ and $r(\Xi)$ of degree ≥ 1 such that for all Ξ holds:

$$R(\Xi) \geq \psi(S(\Xi)) \geq r(\Xi) \geq 0.$$

The first theorem remains true for quasipolynomial statistics. The second theorem holds if $P(\Xi)$ is quasipolynomial.
For the proof of the theorem the author proposes a method which can be taken as a refinement of the method of Linnik (Vestnik LGU 11, 35 (1956)).

INSTITUTION: University, Leningrad.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGER, B.

Problem of peasants' forests in Carinthia. p. 288.
(Gozdarski vestnik, Vol. 14, No. 9/10, 1956, Ljubljana, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

PANOIU,N., ing.; CARABOGDAN, I., ing.; SINGER,C., ing., CRACIUNEANU, C., ing.

Actual stage and prospects of stem boilers with cyclone furnaces and liquid slag removal. Energetica Rum 11 no.10: 497-503 0'63.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

DIACONESCU, M., dr.; SUTEANU, St., dr.; SINGER, D., dr.

Considerations on some vascular allergids. Med. intern. 15 no.6:739-748 Je '63.

1. Lucrare efectuata in Institutul de medicina interna al Acad. R.P.R. (director: acad. N.Gh. Lupu) si in Policlinica M.F.A., Bucuresti.

(VASCULAR DISEASES) (ALLERGY)
(PERIARTERITIS NODOSA) (PHLEBITIS)
(ARTHRITIS, RHEUMATOID) (PERIPHLEBITIS)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

L 43415-65

ACCESSION NR: AP5023242 RU/0012/64/000/005/0771/0780

AUTHOR: Oancea, Tr. (Doctor, Colonel); Bogdan, Tr. (Doctor, Lieutenant Colonel); Singer, D. (Doctor, Lieutenant Colonel)

TITLE: Contributions to the diagnosis and treatment of mediastinal tumors

SOURCE: Revista sanitara militara, no. 5, 1964, 771-780

TOPIC TAGS: tumor, therapeutics

ABSTRACT: A discussion of 18 cases of mediastinal tumors treated between 1958 and 1964, of which 11 were operated. On the basis of the data obtained from these cases, the authors summarize the types and localizztions of such tumors, diagnostic techniques and problems, and complications. Orig. art. has: 1 table.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: LS

NR REF SOV: 000 OTHER: 026 JPRS

Card 1/1 KC

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

ZAMFIR, C., dr.; EFANOV, Al. medic emerit, dr.; SINGER, D., dr.; SANDU, G. dr.

Mediastinopulmonary polymorphous sarcoma with pericardial and myocardial invasion and polypous formations causing stenosis of the pulmonary artery. Med. intern. (Bucur.) 16 no.6:741-749 Je'64.

1. Lucrare efectuata in Sectia I de boli interne si Laboratorul de anatomie patologica din Spitalul militar central, Bucuresti.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

Science Abstracts SINGER, D. Engineering 62

Sect. B

621-9 : 621.3.012.8

2338. Electrical analogies applied to the classification and investigation of control systems. D. Singer. Sulzer. Obs., 32, 171-8 (No. 9, 1951) In Czech.

Substituting for a given regulation system an equivalent electric circuit, the well-known methods of complex vectors, polar curves and frequency characteristics can be used to investigate the behaviour of such a system. It is then possible to classify the usual regulation systems and to predict the stability conditions of the entire regulated system for various types of controls; it is also possible to investigate the effect of combined controls and to determine the type which is best suitable for a given regulation problem. Practical investigation of the behaviour of certain regulating circuits is often considerably easier by means of an equivalent electric circuit. s. cecil

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGER, Dionys

SINGER, Dionys

Zaklady operatorove theorie samocinne regulace. [Vyd. 1] Praha, Statni pedagogicke nakl., 1953. 166 p. (Ucebni texty vysokych skol) [Fundamentals of the Operational Theory of Automatic Regulation. diagrs.]

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGER, D.

"Time of Burning Powderized Pyrite," p.173.
(Chemicky Prumysl, Vol.3, No.5, May 1953, Praha.)

SO: Monthly List of East European Accessions, Vol.2, No.9 Library of Congress, September 1953, Uncl.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

ZINKE, L.

Relation between the frequency characteristics and the transient response of automatic controls and calculation of their time characteristics. p. 20.

Vol. 11., no. 1, Jan. 1953
SLABOPROUDY OBZOR
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5 No. 4 April 1956

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGER, D.

2

Viscosity of various types of industrial sulfur. D. Singer. *Chem. Průmysl* 4(29), No. 2, 46–0(1954).—The [redacted] viscosity of some sulfurs was a source of trouble in the production of CS_2. Viscosity was measured by the Ubbelhode viscometer with Solvoplast as a thermostatic medium for the temps. 120–170°. Small amts. of As and Se in the S were found to act as neg. catalysts in establishing a thermodynamic equil. between S_λ and S_μ. The samples contained 1% As, 0.5% Se, and 1% As + 0.5% Se. Temperature-viscosity curves are given. L. A. Helwich

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGER D.

Present state and trend of development of measuring techniques in the production of sulfuric acid in Czechoslovakia. D. Singer. *Chem. Průmysl* 5, 101–8(1955).—The following measuring devices are discussed and evaluated in connection with the action to reconstruct and modernize the measuring systems in various stages of the production of H_2SO_4: differential manometers, flowmeters, thermometers, pyrometers, analyzers of SO_2, conductometric titrimeter for H_2SO_4 and oleum, areometers, photoelec. purityметers of calcination gas. Reference is made to several instruments developed in Czechoslovakia. As a general notion, the instrumentation at present is found insufficient.
L. A. Helwich

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

[illegible], [illegible]; [illegible], J.; [illegible], [illegible].

Work conditions of the fluidization roasting furnace. p. 473.
[illegible] (Ministerstvo paliv a Svaz zamestnancu v hornictvi) Praha. Vol. 5, no. 11, Nov. 1955.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGER D.

3

CZECH

621-526

3019. Theoretical considerations on the optimum setting of controllers. D. SINGER. *Slaboproudý Obzor*, 16, No. 3, 120-6 (1955) In Czech.

Conditions of the optimum control of a servomechanism are defined by the minimum area of its indicial response squared. It is assumed that the transient response of a static servosystem is identical with that of an n-stage RC (parallel capacitance) amplifier, having a lag T_n and rise time T_n. The area of the transient response squared is expressed in terms of the roots of the characteristic equation of the system. Optimum setting of the elements for the case of proportional + integral control and proportional + integral and derivative control is evaluated. The results show that the empirical formulae of Ziegler and Nichols [see *Trans. Amer. Soc. Mech. Engrs*, 64, 769 (1942)] are correct only to the first approximation. [illegible]

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SINGER, D. Czechoslovakia

Theoretische Betrachtungen ueber die optimale Einstellung einer Regeleinrichtung.

SO: DT Elektrotechnik, February 1956, Unclassified.

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SINGER, D.

Electrothermal analogue for multiparameter control circuits. p. 227.
(STROJE NA ZPRACOVANI INFORMACI, Vol. 4, 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

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CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Applications. Processes and Apparatus for Chemical Technology. E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 253

Author : Singer Dionys
Inst : -
Title : Theoretical Foundations of Fluidized Processes.

Orig Pub : Chem. prumysl., 1956, 6, No 1, 14-20

Abstract : Problems of hydrodynamics and mass-transfer in fluidization are considered.
Bibliography, 17 references.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGER, D.; MALEK, J.

Prerequisites of automation in the chemical industry. p. 449

CHEMICKY PRUMYSL. (Ministerstvo chemickeho prumyslu) Praha, Czechoslovakia, Vol. 9, no. 9, Sept, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959 Uncl.

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SINGER, D.,

CZECHOSLOVAKIA/Chemical Technology, Chemical Products. H
Processes and Apparatuses of Chemical Technology.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 67695.

Author : Kossaczky E., Bena J., Jesenak V., and Olavsky J. also Singer D.,

Inst. : Not given.

Title : Discussion of Singer's Article "Theoretical Bases of Processes Involving Pseudoliquification" and Answers to the Discussions by Beranka and Klumper.

Orig Pub: Chem. prumysl, 1956, 6, No 10, 430-433.

Abstract: Ref to Ref. Zhur-Khimiya, 1958, 25349. No abstract.

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CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Uses. Part I. Control and Measurement Devices. Automatic Regulation. H

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 50672

Author : Chabok, F., Singer, D.
Inst : -
Title : Automatic Controls in the Manufacturing of Superphosphates, Based on Phosphates Sludge Consistency.

Orig Pub : Chem. Prumsyl, 1957, 7, No 10, 524-529

Abstract : A regulator-meter measures the motor load on the last agitator of a mixer. Upon its deflection from a fixed position, a valve is activated by a servomechanism. It con-

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H

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Applications. Instruments and Automation.

Abs Jour: Ref Zhur-Khim., No 3, 1959, 27779.

Author : Singer, D.
Inst :
Title : Automatic Regulation of Furnaces for the Burning of Pulverized Pyrite.

Orig Pub: Chem Prumysl, 9, No 3, 121-126 (1958) (In Czech with English and Russian summaries)

Abstract: The author discusses the theory and describes the operation of a regulating system installed at the sulfuric acid plant in Kolin. The principle on which the automatic control system works consists in the regulation of the rpm of the worm conveyor which feeds the pyrites to the furnace. The speed

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Abs Jour: Ref Zhur-Khim., No 6, 1959, 27779.

of the conveyor is adjusted on the basis of the temperature difference between the top and bottom of the furnace. The flow rate of the circulating gas and of makeup air is controlled automatically. The system is capable of maintaining the furnace temperature within $\pm 15^{\circ}$. -- Ye. Stefanovskiy.

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SINGER, D.

"Automation of the production of sulfuric acid."

AUTOMATISACE, Praha, Czechoslovakia, Vol. 2, No. 7, July 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

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SINGER, D.

Automatic control of a drying and absorption plant in the production of sulfuric acid. p. 257.

AUTOMATIZACE. Praha, Czechoslovakia. Vol. 2, no. 9, Sept. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960.

Uncl.

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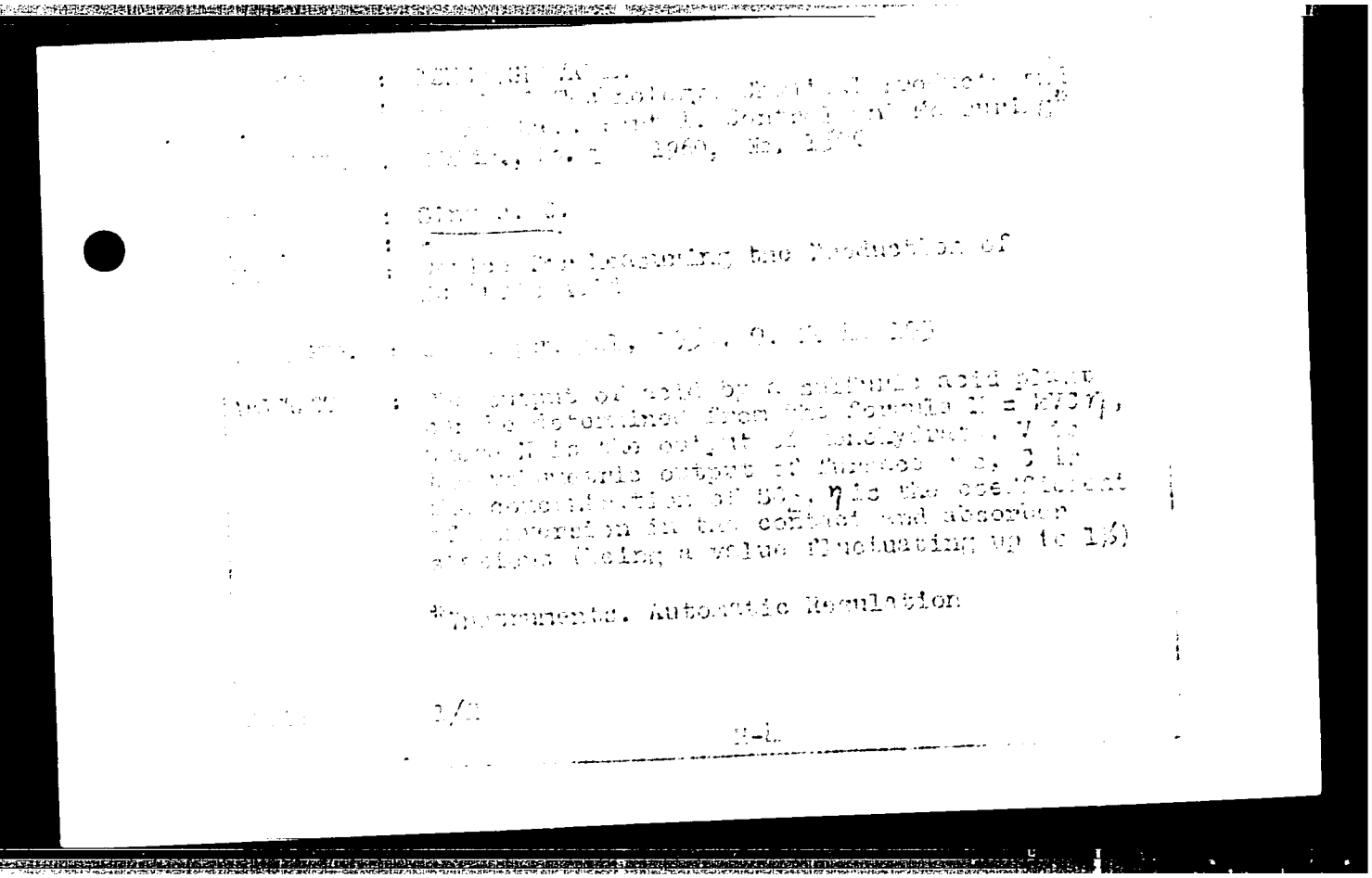

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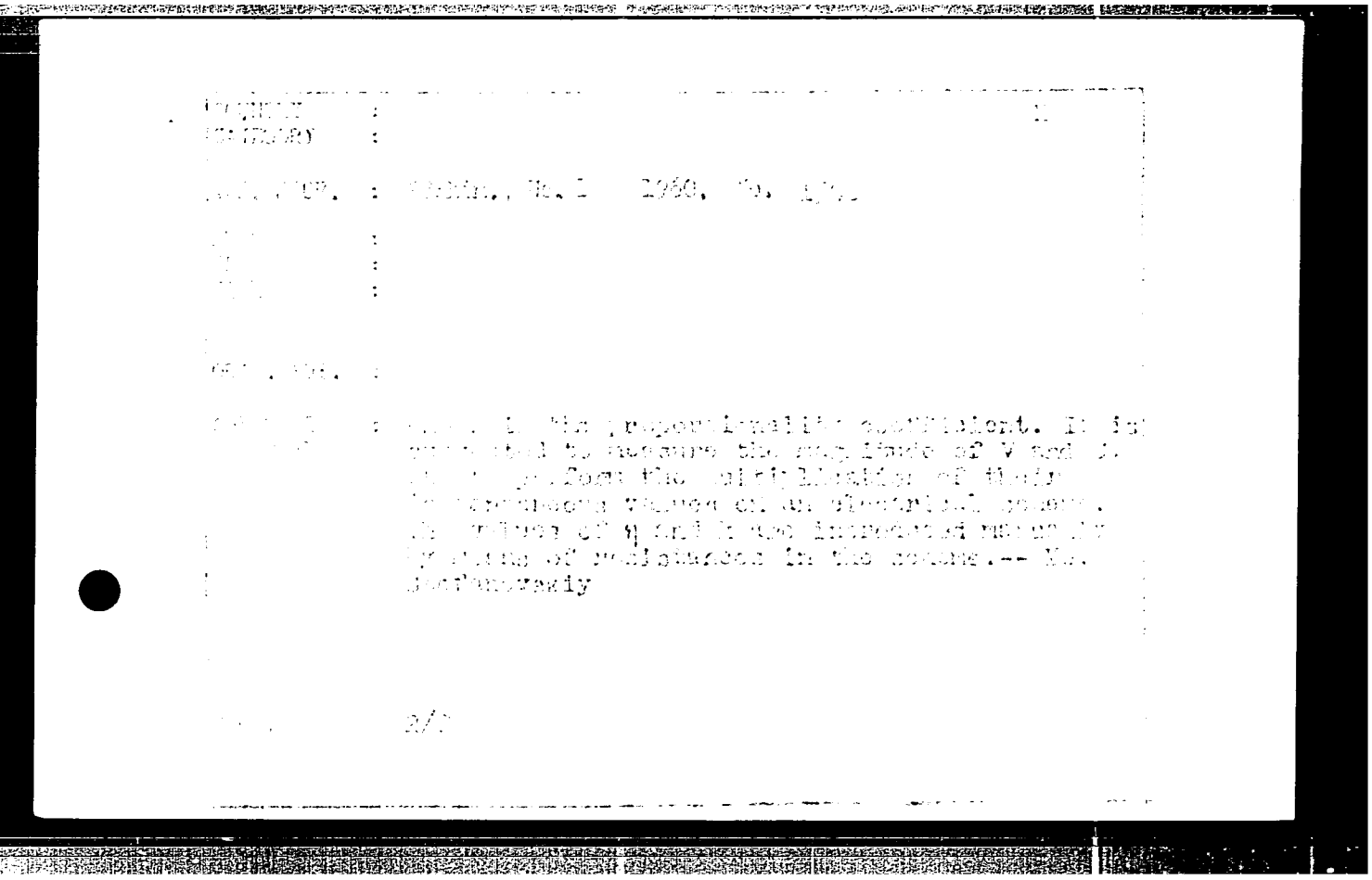

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SINGER, Dionis (Usti na Labi, Chekhoslovatskaya Sotsialisticheskaya Respublika); KOPETSKI, Irzhi (Usti na Labi, Chekhoslovatskaya Sotsialisticheskaya Respublika)

Automation in the manufacture of sulfuric acid. Khim.prom. no.6: 410-413 Je '61. (MIRA 14:6)
(Czechoslovakia—Sulfuric acid) (Automatic control)

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SINGER, Dionys

A single-purpose analogue computer for measurement of the performance and effectiveness of chemical irstallations. Stroje na zprac inf 8:103-120 '62.

1. Verein fur chemische und metallurgische Produktion, Usti nad Labem.

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SINGER, Dionys; PAVLIK, Ladislav; HRON, Jaroslav

Automation of soda ash production. Chem prum 12 no.7:341-347 Jl '62.

1. Spolek pro chemickou a hutni vyrobu, n.p., Usti and Labem.

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SINGER, Dionys

Statistic evaluation of economic efficiency of automatic control devices. Chem prum 13 no.4:183-188 Ap '63.

1. Spolek pro chemickou a hutni vyrobu, n.p., Usti nad Labem.

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SINGER, Dionys; PODZIMEK, Vladimir

Automation of noncontinuous processes in chemical industry.
Chem prum 15 no.1:18-22 Ja '65.

1. Spolek pro chemickou a hutni vyrobu Nati nal Enterprise, Usti nad Labem.

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[illegible], K.; [illegible], G.; [illegible], D.; [illegible], T.

Pathophysiology and diagnosis of some [illegible] myocarditis.
Kardiologiia 5 no.2:40-45 Mr-Ap '65. [illegible]

1. I-ye terapevticheskoye otdeleniye, laboratoriya eksperimental'noy meditsiny i laboratoriya patologicheskoy anatomii Tsentral'noy voyennoy bol'nitsy, Bukharest.

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RUMANIA

OANCEA, Tr., Colonel, Medical Corps; ATHANASESCU, S., Colonel, Medical Corps; POPESCU, P., Lieutenant-Colonel, Medical Corps; BACHMAN, N., Lieutenant-Colonel, Medical Corps; GIURGIU, T., Lieutenant-Colonel, Medical Veterinary Corps; IONESCU, P., Major, Medical Veterinary Corps; SAFTA, T., Major, Medical Veterinary Corps; NOVACEK, A., Captain, Medical Corps; VOICU, Gh., Captain, Medical Corps; and SINGER, D., Lieutenant-Colonel, Medical Corps.

"Experimental Research on the Effectiveness of Some Therapeutic Measures in Blast Injury Shock"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 58-62

Abstract: Study on 44 dogs and 70 rabbits and 26 guinea pigs, exposed to shock from explosion of 2 kilograms of "Trotil" [TNT?] at varying distances from 2.2 to 25 meters away; use of "Dip-Dol" [Diparcol (diethazine) with Dolantin (pethidine)?] with a tracheostomy. The neuroplegic treatment had good effects as had the tracheostomy in acute respiratory insufficiency. Artificial respiration was pointless. 1 chart, 2 kymograms, 3 tables.

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ROMANIA

NESTORESCU, N., Prof. Dr., Member Correspondent of the Academy of Socialist Republic of Romania (membru corespondnet al Academiei Republicii Socialiste Romania); STRATI, I., Lieutenant-Colonel, Medical Corps; and SINGER, D., Lieutenant-Colonel, Medical Corps.

"Contributions to the Study of Experimental Infections with Pseudomonas pseudomallei"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 264-272

Abstract: Report on studies with 10 strains of Pseudomonas pseudomallei in rats: virulence varied to a considerable extent; strains also changed in virulence following a few passages in rats. Administration of cortisone intensified the infection. In mice, the results were quite different. Details on histopathological lesions. 2 tables, 4 photomicrographs.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGER, Evzen; CIFKOVA, Dagmar

Fluorometric determination of uranium in various materials.
Chem listy 58 no. 2:218-223 F '64.

1. Vyzkumny ustav anorganicke chemie a Krajska hygienicko-epidemiologicka stanice, Usti nad Labem.

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SINGER, Evzen (Usti nad Labem, Revolucni 86)

Contribution to the spectrophotometric determination of uranium with dibenzoylmethane. Acta chimica Hung 28 no.1/3:279-286 '61. (EEAI 10:9)

1. Forschungsinstitut fur anorganische Chemie, Usti nad Labem, Czechoslovakia.

(Spectrophotometry) (Uranium) (Diphenylpropanedione)

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SINGER, Evzen; SISLER, Ladislav

Experience with the visual fluorescence determination of uranium. Chem prum 12 no.7:350-352 Jl '62.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550730008-2

SINGER, Evzen; RUZICKA, Bohuslav; TURTLNWALD, Josef

Construction of an objective fluorometer for measurement of melt fluorescence, and equipment for determination of traces of uranium. Chem listy 58 no. 2:224-230 F '64.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

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L 5141-66 EPF(c)/EWP(t)/EWP(b)/ IJP(c) ES/JD/JW
ACC NR: AP6000249 SOURCE CODE: CZ/0009/65/059/002/0225/0230

AUTHOR: Zinger, Evzen

ORG: Research Institute for Inorganic Chemistry, Usti nad Labem (Vyzkumny ustav anorganicke chemie)

TITLE: Analysis of uranium tetrafluoride

SOURCE: Chemicke listy, v. 59, no. 2, 1965, 225-230

TOPIC TAGS: uranium compound, fluoride, uranium, analytic chemistry

ABSTRACT: Uranium tetrafluoride is an important intermediate product in the preparation of metal uranium. Analytical methods suitable for its analysis are reviewed and evaluated. Apparatus, chemicals, and operating methods in the determination of total F, water, uranyl fluoride, uranium tetrafluoride are discussed. Orig. art. has: 4 figures, 2 tables. [JPRS]

SUB CODE: IC, GC / SUBM DATE: 03Mar64 / ORIG REF: 013

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